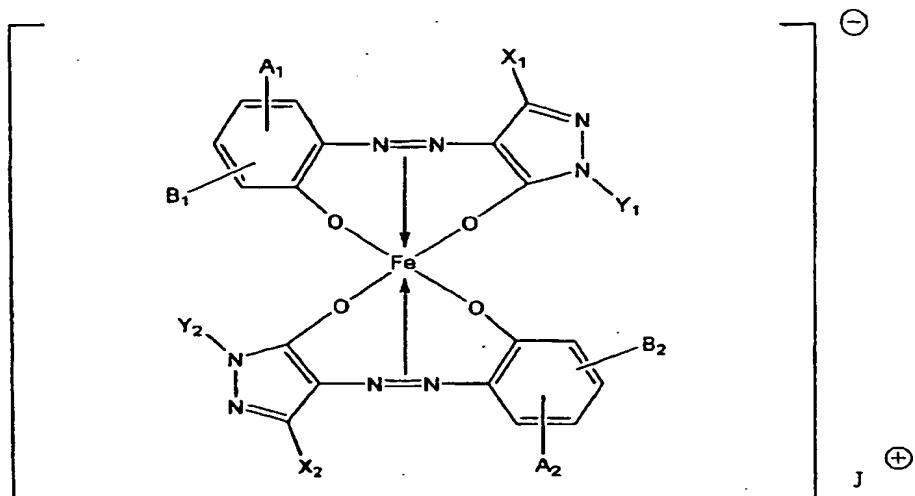


WHAT IS CLAIMED IS:

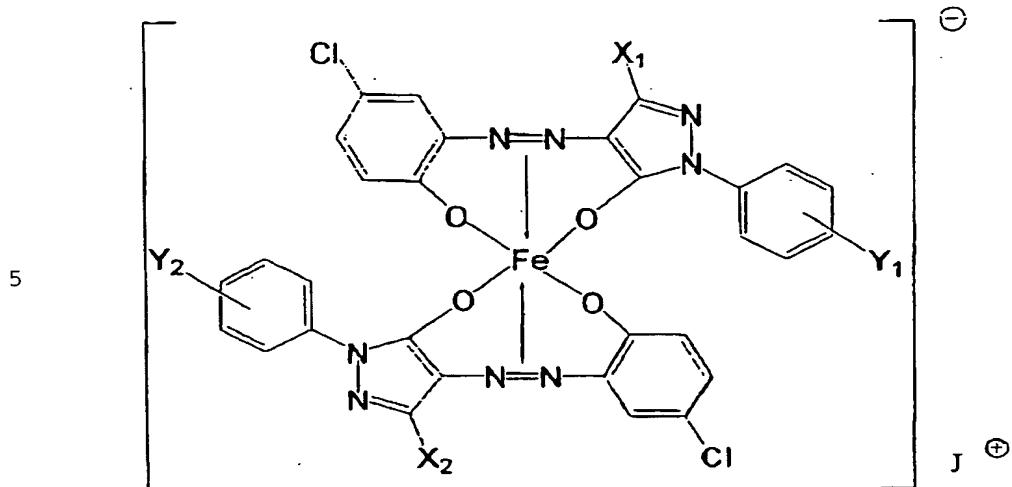
1. An electrophotographic printing method which comprises using a charge controlling agent containing a monoazo iron complex compound of the formula (1) as an effective component,

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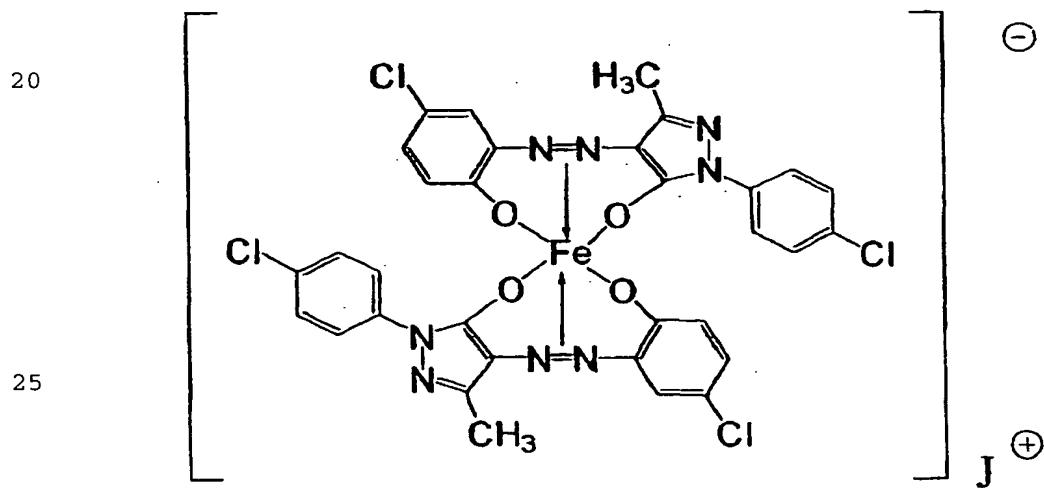
15 wherein A<sub>1</sub>, A<sub>2</sub>, B<sub>1</sub> and B<sub>2</sub> are respectively independently H, an alkyl group or a halogen atom, J is H, an alkali metal, NH<sub>4</sub> or an alkylammonium, they may be two or more kinds, X<sub>1</sub> and X<sub>2</sub> are respectively independently H, an alkyl group or a halogen atom, and Y<sub>1</sub> and Y<sub>2</sub> are 20 respectively independently H, an alkyl group or an aromatic group which may have a substituent, provided that a case in which A<sub>1</sub>, A<sub>2</sub>, B<sub>1</sub>, B<sub>2</sub>, X<sub>1</sub>, X<sub>2</sub>, Y<sub>1</sub>, and Y<sub>2</sub> are hydrogen at the same time is excluded.

2. The electrophotographic printing method according to 25 Claim 1, wherein the charge controlling agent contains a monoazo iron complex compound of the formula (2) as an effective component,



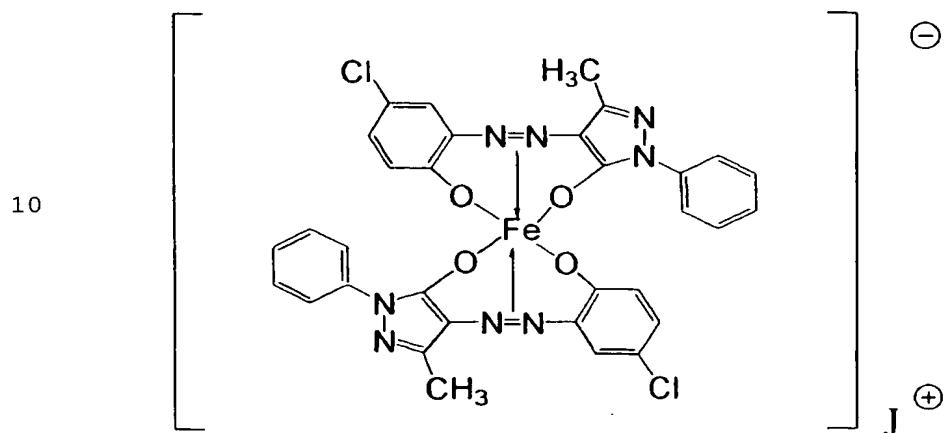
10 wherein  $J$  is  $H$ ,  $Na$ ,  $NH_4$  or an alkylammonium, they may be  
two or more kinds,  $X_1$  and  $X_2$  are respectively  
independently  $H$ , an alkyl group or a halogen atom, and  $Y_1$   
and  $Y_2$  are respectively independently  $H$ , an alkyl group  
or a halogen atom.

15 3. The electrophotographic printing method according to  
Claim 1, wherein the charge controlling agent contains a  
monoazo iron complex compound of the formula (3) as an  
effective component,



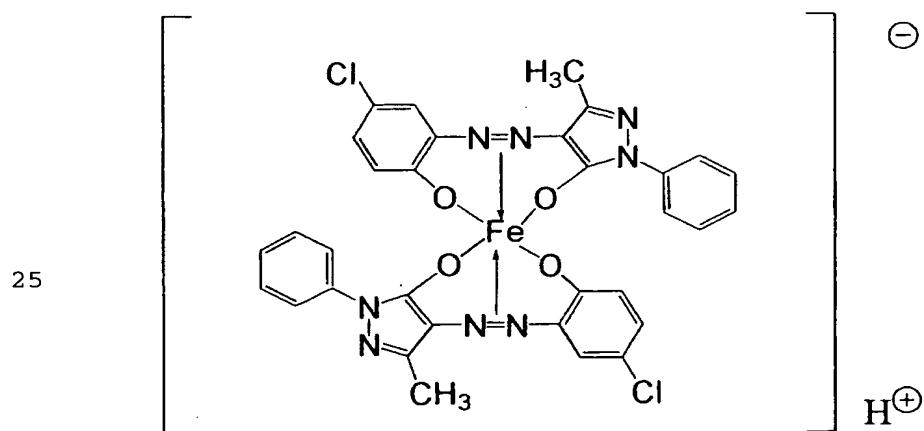
wherein J is H, Na, NH<sub>4</sub> or an alkylammonium, and they may be two or more kinds.

4. The electrophotographic printing method according to Claim 1, wherein the charge controlling agent contains a 5 monoazo iron complex compound of the formula (4) as an effective component,



15 wherein J is H, Na, NH<sub>4</sub> or an alkylammonium, and they may be two or more kinds.

5. The electrophotographic printing method according to Claim 1, wherein the charge controlling agent contains a 20 monoazo iron complex compound of the formula (5) as an effective component,



6. The electrophotographic printing method according to any one of Claims 1 to 5, wherein the charge controlling agent has a volume average particle size of from 0.1 to 20  $\mu\text{m}$ .

5 7. A negatively chargeable toner which comprises a charge controlling agent as defined in Claim 1, a coloring agent and a binder resin.

8. The toner according to Claim 7, wherein the charge controlling agent is one as defined in any one of Claims 10 2 to 5.

9. The toner according to Claim 7, wherein the monoazo iron complex compound as an effective component of the charge controlling agent is incorporated within toner particles in an amount of from 0.1 to 10 mass parts per 15 100 mass parts of a binder resin.

10. The toner according to Claim 7, wherein the binder resin has an acid value of from 0.1 to 100 mgKOH/g.

11. The toner according to Claim 7, wherein the coloring agent is a magnetic material.

20 12. The toner according to Claim 7, wherein the coloring agent is a non-magnetic coloring agent and is contained in an amount of from 0.1 to 20 mass parts per 100 mass parts of a binder resin.

13. The toner according to Claim 7, wherein a wax is 25 further contained.

14. The toner according to Claim 7, wherein the toner has a volume average particle size of from 2 to 15  $\mu\text{m}$ .

15. A one-component system developer which comprises the toner as defined in Claim 7.
16. A two-component system developer which comprises a negatively chargeable toner and a carrier, wherein the 5 toner contains at least a binder resin, a coloring agent and a monoazo iron complex compound, and the monoazo iron complex compound is a monoazo iron complex compound as an effective component of the charge controlling agent as defined in Claim 1.
- 10 17. The two-component system developer according to Claim 16, wherein the charge controlling agent is one as defined in any one of Claims 2 to 5.
18. The two-component system developer according to Claim 16, wherein the monoazo iron complex compound is 15 incorporated within toner particles in an amount of from 0.1 to 10 mass parts per 100 mass part of the binder resin.
19. The two-component system developer according to Claim 16, wherein the toner contains a styrene-acryl type resin 20 as a binder resin.
20. The two-component system developer according to Claim 16, wherein the binder resin has an acid value of from 0.1 to 100 mgKOH/g.
21. The two-component system developer according to Claim 25 16, wherein a wax is further contained.
22. The two-component system developer according to Claim 16, wherein the toner has a volume average particle size

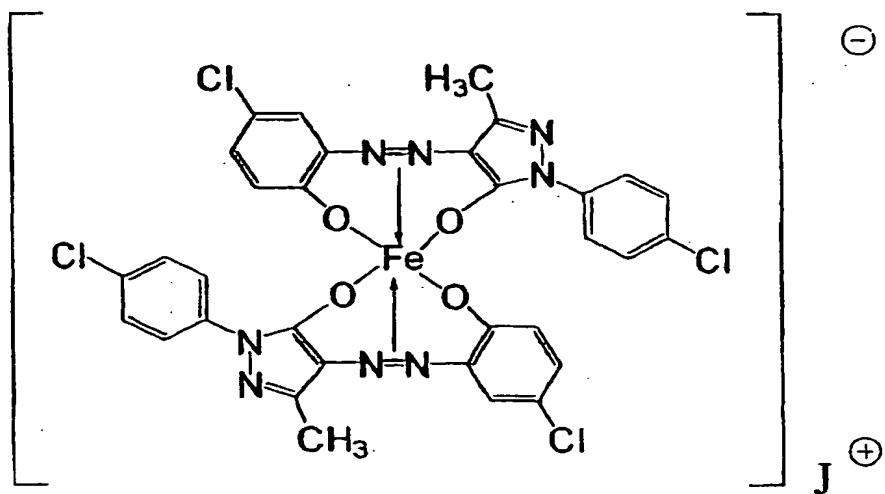
of from 2 to 15  $\mu$ m.

23. The two-component system developer according to Claim 16, wherein the carrier is a resin-coated carrier.

24. A monoazo iron complex compound of the formula (3),

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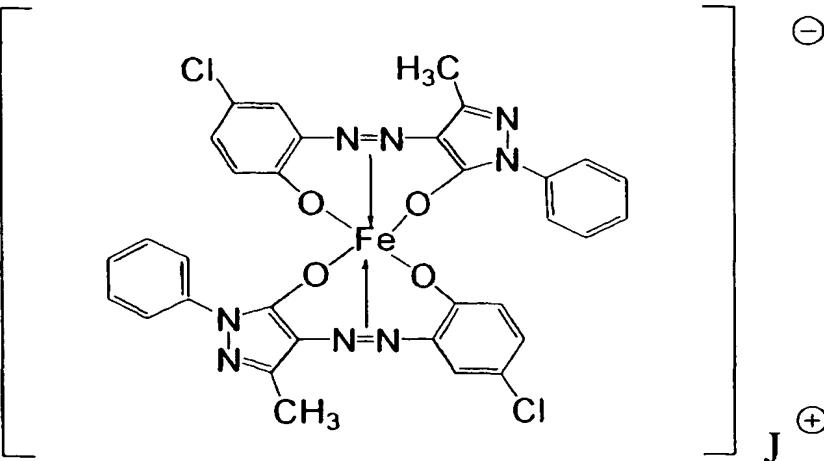


J  $^{+}$

wherein J is H, Na, NH<sub>4</sub> or an alkylammonium, and they may  
15 be two or more kinds.

25. A monoazo iron complex compound of the formula (4),

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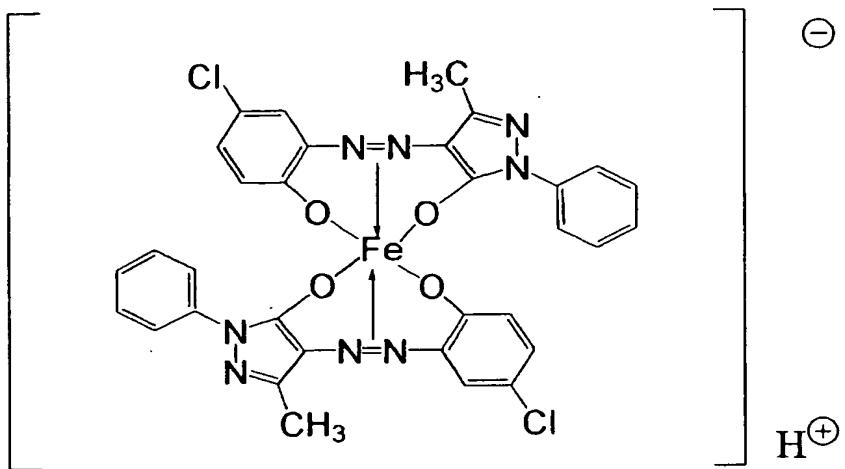
J  $^{+}$

25

wherein J is H, Na, NH<sub>4</sub> or an alkylammonium, and they may be two or more kinds.

26. A monoazo iron complex compound of the formula (5),

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